

ABSTRACT OF THE DISCLOSURE

There is proposed an internal combustion engine ignition apparatus in which a switching circuit having no power supply terminal connected to a power supply such as a battery, and includes an output terminal connected to an ignition coil, an input terminal for receiving supply of an ignition signal voltage, and a reference potential terminal connected to a reference potential. A current supply circuit is connected between the input terminal and the reference potential terminal, and a current is supplied from the current supply circuit to a drive resistor of the switching element. This current supply circuit is controlled by a constant current circuit, and supplies a driving current, which is made a constant current, to the drive resistor between a rising portion of the ignition signal voltage and a falling portion thereof. The driving current, which is made the constant current, keeps the gate voltage of the switching element being constant in the on period.